CLAIMS

1. A method for producing a flexible laminate comprising a heat-resistant adhesive film (A) and a metal foil (B) bonded to at least one surface of the heat-resistant adhesive film (A), the method comprising:

a step of performing thermal lamination by passing the heat-resistant adhesive film (A) and the metal foil (B) between at least one pair of metal rollers through a protective film;

a step of slowly cooling a laminate comprising the heat-resistant adhesive film (A), the metal foil (B), and the protective film; and

a step of separating the protective film.

2. The method for producing the flexible laminate according to Claim 1, wherein the slow cooling step is performed by providing a heating mechanism of which temperature is set lower than the surface temperature of the metal rollers.

3. The method for producing the flexible laminate according to Claim 2, wherein the heating mechanism comprises a slow-cooling roller.

4. The method for producing the flexible laminate according to Claim 3, wherein the surface temperature of the slow-cooling roller is set lower than the surface temperature of the metal rollers by 50°C to 250°C.

5. The method for producing the flexible laminate according to Claim 3, wherein the surface temperature of the slow-cooling roller is set in a range of 150°C to 350°C.

6. The method for producing the flexible laminate according to Claim 1, wherein, in the slow cooling step, the cooling rate for the laminate is set in a range of 50°C/min to 300°C/min.

7. A method for producing a flexible laminate comprising a heat-resistant adhesive film (A) comprising one layer or two or more layers, one surface or both surfaces of the heat-resistant adhesive film (A) comprising a thermally fusible resin, and a metal foil (B) bonded to at least one surface of the heat-resistant adhesive film (A), the method comprising:

a step of performing thermal lamination by passing the heat-resistant adhesive film (A) and the metal foil (B) between at least one pair of metal rollers through a protective film;

a step of slowly cooling a laminate comprising the heat-resistant adhesive film (A), the metal foil (B), and the protective film at a cooling rate of 300°C/min or less until the surface temperature of the laminate is decreased to a temperature equal to or less than the glass transition temperature of the thermally fusible resin; and

a step of separating the protective film.

8. The method for producing the flexible laminate according to Claim 7, wherein a slow-cooling roller of which temperature is set at the glass transition temperature of the thermally fusible resin is provided.

9. The method for producing the flexible laminate according to any one of Claims 1 to 8, wherein the slow cooling step is performed by providing a plurality of heating mechanisms including a slow-cooling roller.